



# CLEAN CODE

*EM UM CÓDIGO LIMPO...*

**É DIFÍCIL TER UM BUG ESCONDIDO**



*EM UM CÓDIGO LIMPO...*

**É FÁCIL DE ALTERAR OU INCLUIR  
FEATURES**

*EM UM CÓDIGO LIMPO...*

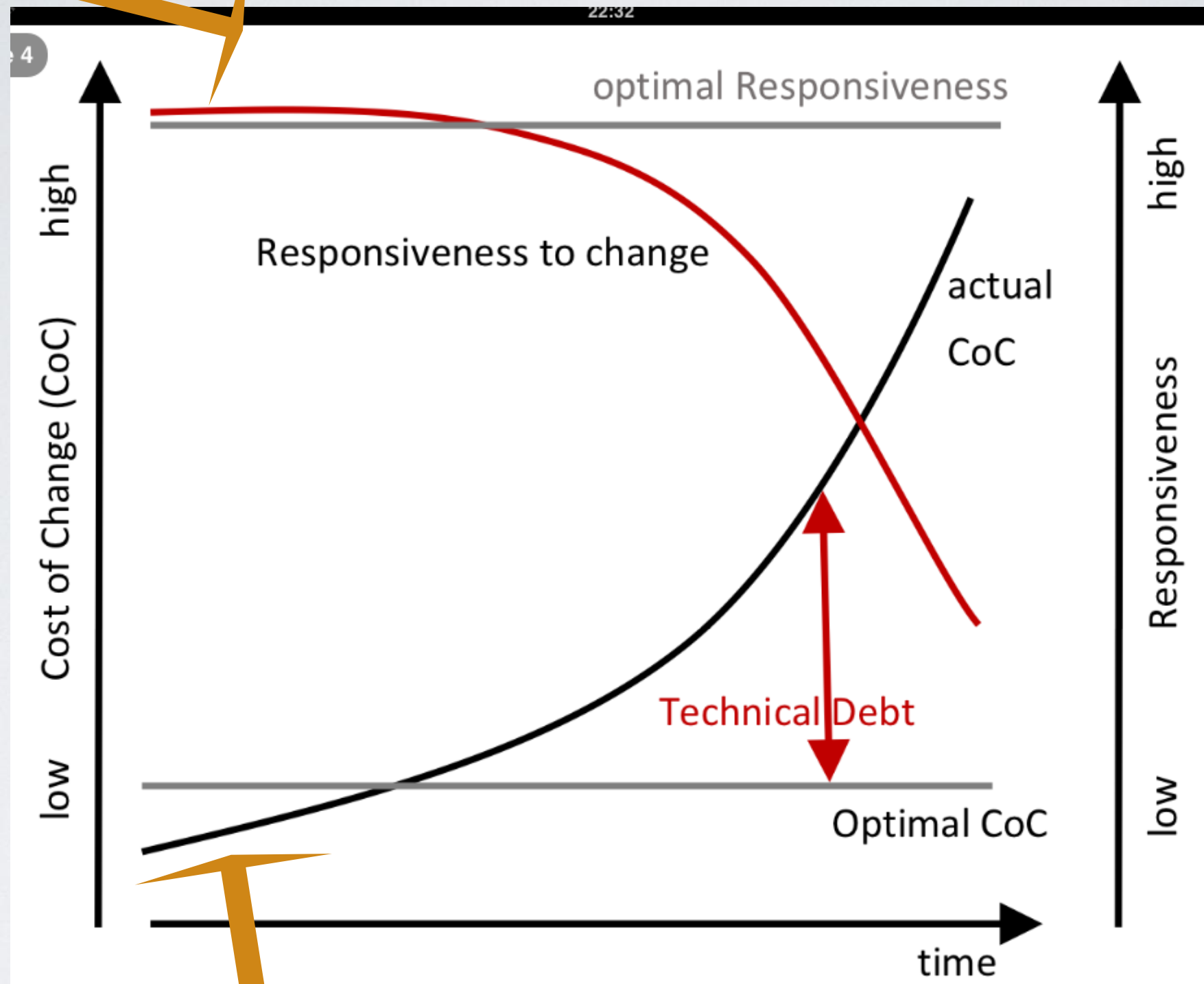
**É FÁCIL ENTENDER AS CONSEQUÊNCIAS  
DE UMA MUDANÇA**

*EM UM CÓDIGO LIMPO...*

**EXISTE SIMPLICIDADE DE CONCEITOS**



Código limpo



Gambiarra

**“WE HAVE TO FIGHT CHAOS, AND THE MOST  
EFFECTIVE WAY OF DOING THAT IS TO  
PREVENT ITS EMERGENCE.”**

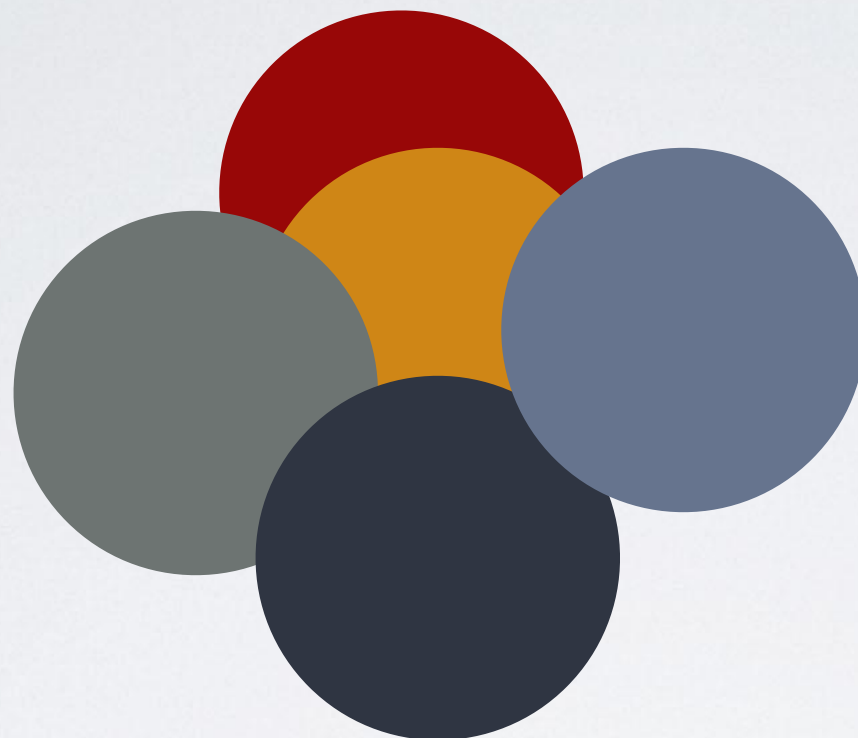
**EDSGAR DIJKSTRA**

Faça um design para facilitar mudanças pois elas  
serão necessárias

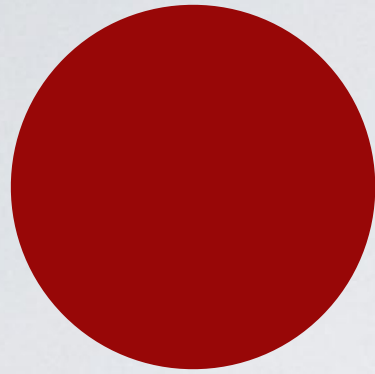


# PRINCÍPIOS

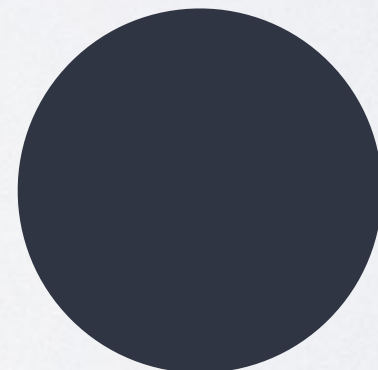
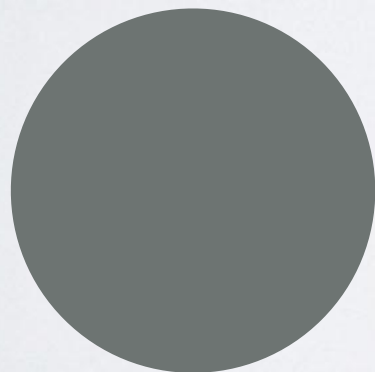
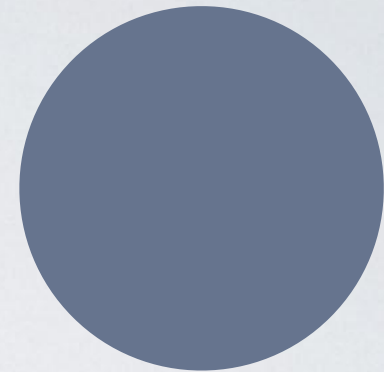
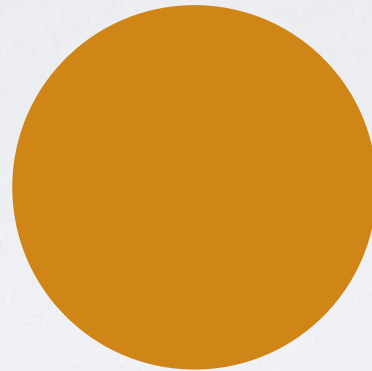
Evite acoplamento  
("Pedrão")



Mas também não perca  
abstrações

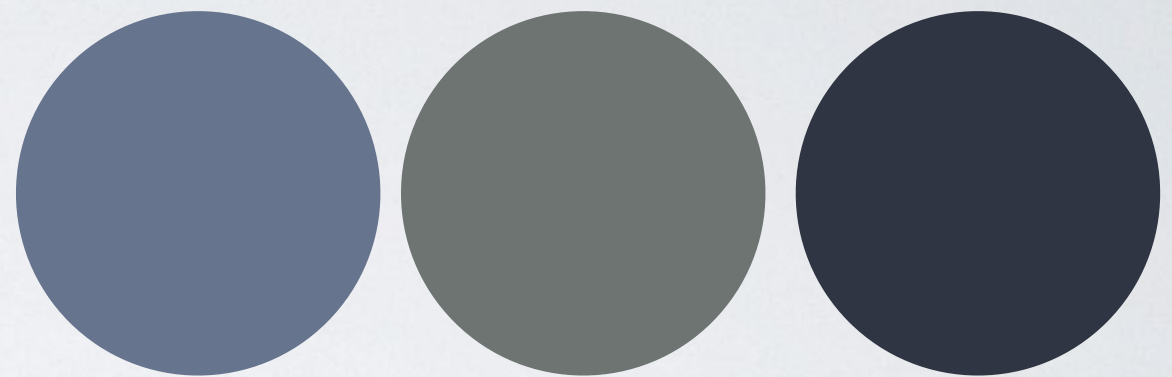
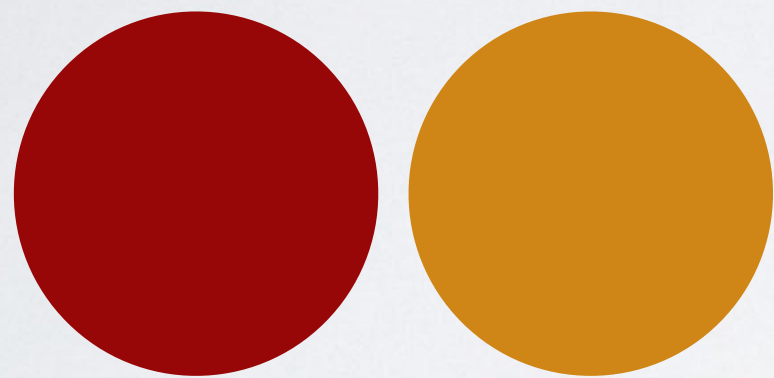


1 bit



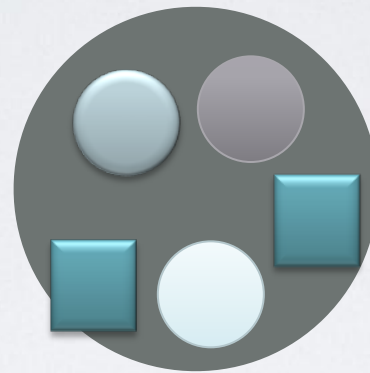


Junte coisas relacionadas (Coesão)



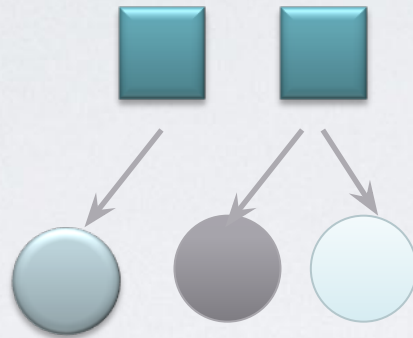
Junte coisas relacionadas (Coesão)





Não misture dados com algoritmos





Algoritmos são conceitos e os dados suportam a sua implementação

DICAS

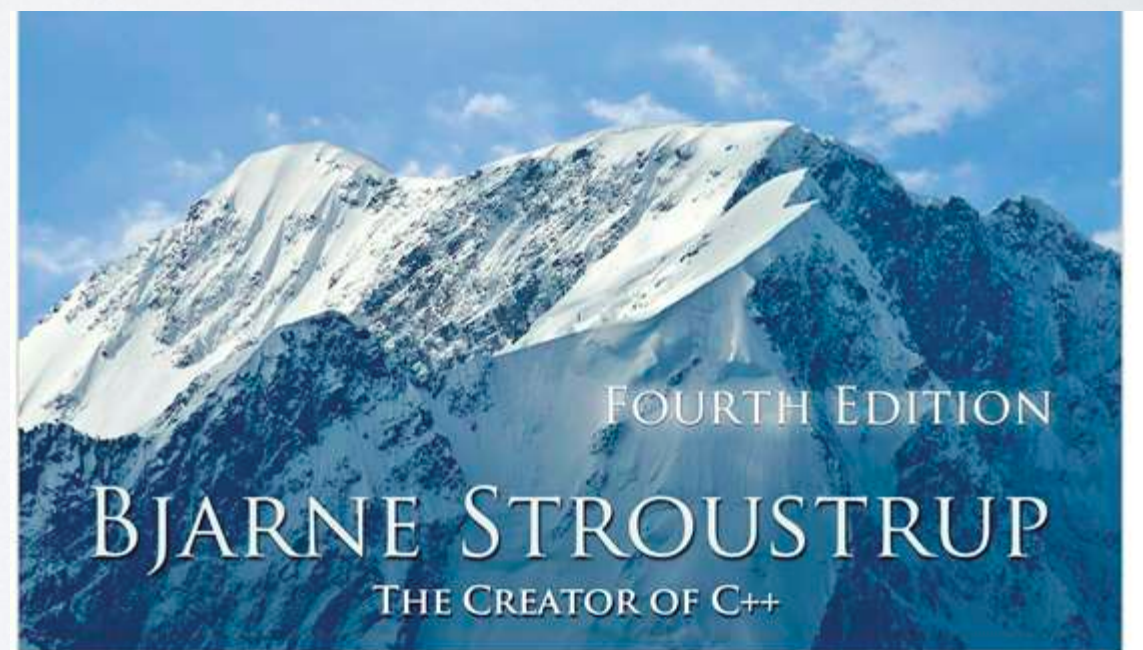
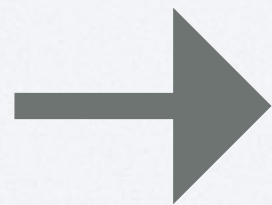


Dica

**"STAY HIGH LEVEL"**

IT'S SO HARD TO CONVINCE SOME PEOPLE ABOUT THIS.

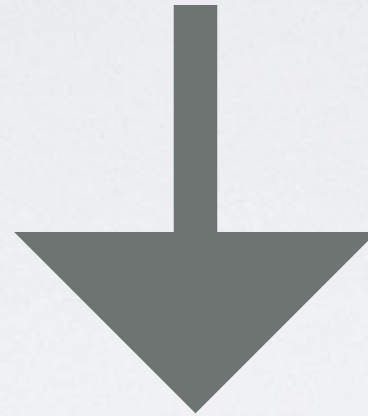
BJARNE



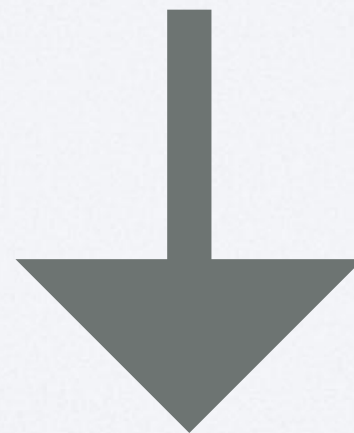


Dica

Entra



Função



Sai

Dica



## Dica

Não crie camadas e mais camadas de abstração



**Travis Gockel** @tgoeckel

15h

I had a problem and tried to use Java to solve it. Now I have a  
ProblemVisitorStrategyPatternProxyFacadeAdapterFactoryFactory :-(

 Retweeted by James McNellis



Esta apresentação em uma frase

**"SIMPLICITY IS PREREQUISITE  
FOR RELIABILITY."**

**EDSGER DIJKSTRA**